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## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. L8612.03110

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

S. PTC

#### TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

Alexandria, VA 22313-1450							
Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent ap	plication for an						
invention entitled: MICROPUMP, MICROPUMP UNIT INCLUDING THE MICROPUMP, SAMPLE PROCESSING OF WITH THE UNIT, AND SHEET CONNECTOR FOR USE WITH THE UNIT	CHIP FOR USE						
and invented by: Masatoshi TAKEDA	<u> </u>						
Kenichi NAKANO	. 58 ■						
	87						
<del>,</del>	175						
If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:	~						
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:							
Which is a:							
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:							
Which is a:							
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:							
Enclosed are:							
Application Elements							
1.  Filing fee as calculated and transmitted as described below							
2. Specification having pages and including the following:	ecification having pages and including the following:						
a. 🛛 Descriptive Title of the Invention							
b.   Cross References to Related Applications (if applicable)							
c.   Statement Regarding Federally-sponsored Research/Development (if applicable)							
d.   Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix							
e. 🛛 Background of the Invention							
f. 🛛 Brief Summary of the Invention							
g. 🛛 Brief Description of the Drawings (if filed)							
h. 🛭 Detailed Description							
i. 🛛 Claim(s) as Classified Below							
j. 🛮 Abstract of the Disclosure							

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Applicati n Elements (C ntinued)									
3.	$\boxtimes$	Drawing(s) (when necessary as prescribed by 35 USC 113)							
	a.	☐ Formal Number of Sheets							
	b.	☑ Informal Number of Sheets							
4.	X	Oath or Declaration							
	a.	■ Newly executed (original or copy) □ Unexecuted							
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)							
	C.	☑ With Power of Attorney ☐ Without Power of Attorney							
	d.	☐ <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).							
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
7.		Application Data Sheet (See 37 CFR 1.76)							
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)							
	a.	☐ Computer Readable Form (CRF)							
	b.	☐ Specification Sequence Listing on:							
		i. CD-ROM or CD-R (2 copies); or							
		ii. 🗖 Paper							
	C.	Statement(s) Verifying Identical Paper and Computer Readable Copy							
		Accompanying Application Parts							
9.	X	Assignment Papers (cover sheet & document(s))							
10.		37 CFR 3.73(B) Statement (when there is an assignee)							
11.		English Translation Document (if applicable)							
12.		Information Disclosure Statement/PTO-1449   Copies of IDS Citations							
13.		Preliminary Amendment							
14.	$\boxtimes$	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
15.	$\boxtimes$	Certified Copy of Priority Document(s) (if foreign priority is claimed)							
16.		Certificate of Mailing							
		☐ First Class ☐ Express Mail (Specify Label No.):							

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	Acc mpanying Application Parts (C ntinued)
17.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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#### **Fee Calculation and Transmittal**

		CLAIMS	AS FILED			
For	#Filed	#Allowed	#Extra		Rate	Fee
Total Claims	68	- 20 =	48	×	\$18.00	\$864.00
Indep. Claims 7		- 3 =	4	×	\$86.00	\$344.00
Multiple Dependen	t Claims (check	if applicable)	×			\$290.00
					BASIC FE	<b>E</b> \$770.00
OTHER FEE (specify purpose)  Assignment Recordation				\$40.00		
					TOTAL FILING FE	<b>E</b> \$2,308.00
as described be ☐ Charge ☒ Credit a	hereby authorize low. the amount of any overpaymen	ed to charge and o	as filing fee.	Accoun	nt No. 19-437	5
-	nt to 37 C.F.R. 1			ames E. la legistation	Signature  Ledbetter, Esq. on No. 28,732 S, DAVIS, MILLER & Mreet, NW, Suite 850	OSHER, LLP.

CC:

Washington, DC 20036 Tel.: 202.785.0100 Fax.: 202.408.5200